



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **HAMAGUCHI, et al.**

Group Art Unit: **2635**

Serial No.: **09/582,874**

Examiner: **Scott D. AU**

Filed: **July 6, 2000**

P.T.O. Confirmation No.: 3201

For: **ALERTING DEVICE AND RADIO COMMUNICATION DEVICE HAVING THE
ALERTING DEVICE**

RESPONSE UNDER 37 CFR §1.116
- EXPEDITED RESPONSE -
GROUP ART UNIT 2635

MAIL STOP AF

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

October 26, 2004

Sir:

In response to the Office Action dated **July 6, 2004**, extended to **November 6, 2004** by a **one (1)** month Petition for Extension of Time, Applicants respectfully request reconsideration of all of the prior art rejections maintained from the previous Office Action of December 17, 2003.

In the instant Office Action, the Examiner states:

Mittel et al. disclose an electrical block diagram of a mode tracking transducer driver 100 in accordance with the present invention. The mode tracking transducer driver 100 includes a voltage controlled oscillator 104 (hereinafter referred to as a VCO), a transducer driver 106, a phase comparator 108, a D flip-flop 110, a mode detector 112, and a low pass filter 114. The VCO operates in a manner well known to one of ordinary skill in the art, whereby a frequency control signal generated at the output of the low pass filter 114 controls the generation of a variable frequency output signal which varies over a predetermined frequency range which by way of example is from 40 Hertz to 120 Hertz when utilized to drive a tactile alerting device, such as the non-linear electromagnetic transducer 102. For a tactile alerting device, the optimum frequency of operation is from 90 Hertz to 100 Hertz. A